

ALGEBRA 1-2

CHAPTER 8

AY 3 NOTES

Name: _____

Date: _____

TRY THESE OUT:

(Try Distributing)

$$(x - 4)(x + 4)$$

(Try Area Models)

$$(2n + 3)(2n - 3)$$

(Choose the method you like!)

$$(y + 5)(y - 5)$$

$$(4t + 1)(4t - 1)$$

$$(h + 7)(h - 7)$$

$$(a + b)(a - b)$$

WHAT PATTERN DO YOU SEE EMERGING HERE...?

**IF THE ANSWER TO A PROBLEM IS $x^2 - 9$
WHAT WAS THE ORIGINAL QUESTION?**

WHAT DOES THIS MEAN?

$$(x + 4)^2$$

TRY IT OUT!

$$(x + 3)^2$$

$$(3m + 1)^2$$

$$(5g + 2)^2$$

$$(p - 2)^2$$

$$(6x - 4)^2$$

$$(x - y)^2$$

EXPLAIN WHY: $(x + 5)^2 \neq x^2 + 5^2$
